

REMARKS

The Applicant thanks the Examiner for the thorough consideration given the present application. Claims 3-7 and 10 are cancelled herein without prejudice to or disclaimer of the subject matter contained therein. Claims 1, 2, 8, 9, and 11-13 are pending. Claims 1 and 2 are amended, and claim 12 is added. Claim 1 is independent. The Examiner is respectfully requested to reconsider the rejections in view of the amendments and remarks set forth herein.

Examiner Interview

If, during further examination of the present application, any further discussion with the Applicant's Representative would advance the prosecution of the present application, the Examiner is encouraged to contact Carl T. Thomsen, at 1-703-208-4030 (direct line) at his convenience.

Rejections Under 35 U.S.C. §103(a)

Claim 1 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Yoshimura (JP 2003-096469) in view of Costa et al. (U.S. 3,739,710);

claim 2 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Yoshimura (JP 2003-096469) in view of Costa et al. and Tachibana (U.S. 5,738,025);

claims 3-5 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Yoshimura in view of Costa et al. and Tachibana (JP 11-005984);

claim 8 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Yoshimura in view of Costa et al. and Jiang (U.S. 2002/0156332); and

claims 9 and 11 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Yoshimura in view of Costa et al. and Sugiyama (JP 2002-309270).

These rejections are respectfully traversed.

Independent Claim 1

While not conceding the appropriateness of the Examiner's rejection, but merely to advance prosecution of the present application, independent claim 1 has been amended herein to incorporate the subject matter of dependent claim 2. As such, independent claim 1 now recites a combination of elements directed an oil reconversion device for waste plastics, including *inter alia*

“wherein the feeder is equipped, as a forced feeding means, with an extruder having a heating cylinder, and an extruding screw which melts and extrudes the waste plastic injected into the injection port.”

Support for the features of claim 1 can be seen, for example, in FIGS. 1 and 2.

Regarding Yoshimura and Costa et al.

On page 4 of the Office Action, the Examiner concedes that neither of Yoshimura or Costa et al. discloses an extruder having a heating cylinder and a cylinder screw which melts and extrudes the waste plastic injected into the injection port.

Regarding Tachibana '025

This document merely discloses a extruder 1 (FIG. 2). As can be seen in Tachibana '025 FIG 1, the melting portion 102 is disposed in the thermal cracking vessel and NOT in the feeder.

Thus, the disclosure of Tachibana '025 cannot make up for the deficiency of Yoshimura and Costa et al. to teach or suggest the inventions set forth in the claims of the present application.

At least for the reasons explained above, the Applicants respectfully submit that the combination of elements as set forth in independent claim 1 is not disclosed or made obvious by the prior art of record, including Yoshimura, Costa et al., and Tachibana '025

Therefore, independent claim 1 is in condition for allowance.

Dependent Claims

The Examiner will note that dependent claim 2 has been amended, dependent claims 3-7 and 10 have been cancelled, and dependent claim 12 has been added.

All dependent claims are in condition for allowance due to their dependency from allowable independent claims, or due to the additional novel features set forth therein.

All pending claims are now in condition for allowance.

Accordingly, reconsideration and withdrawal of the rejections under 35 U.S.C. §103(a) are respectfully requested.

CONCLUSION

Since the remaining patents cited by the Examiner have not been utilized to reject claims, but merely to show the state of the art, no comment need be made with respect thereto.

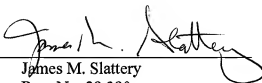
All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. It is believed that a full and complete response has been made to the outstanding Office Action, and that the present application is in condition for allowance.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, he is invited to telephone Carl T. Thomsen (Reg. No. 50,786) at (703) 208-4030(direct line).

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17, particularly extension of time fees.

Respectfully submitted,

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